ASSOCIATION OF DATA WITH A
PRODUCT CLASSIFICATION SCHEMA

ABSTRACT OF THE DISCLOSURE

A computer-implemented system (10) for associating target data with a product classification schema includes a data association module (39) that accesses the product classification schema. The schema includes a taxonomy that includes a

5   hierarchy of classes into which products may be categorized. The schema further includes ontologies that are associated with one or more of the classes. Each ontology includes one or more product attributes. The data association module (39) accesses the target data to be associated with the schema and determines one or more classes with which at least a portion of the target data should be associated. This

10   determination is based on a comparison between the target data and the product attributes of the ontologies or between the target data and values for one or more of the product attributes. Furthermore, the data association module (39) associates at least a portion of the target data with one or more classes in response to determining one or more classes with which at least a portion of the target data should be

15   associated.